

## Rabbit Histone Deacetylase 5 Polyclonal Antibody | anti-HDAC5 antibody

Anti-Histone Deacetylase 5 (pS498) Antibody

| CATALOG # | HOST   | REACTIVITY                     | APPLICATIONS                                           |
|-----------|--------|--------------------------------|--------------------------------------------------------|
| AAA269615 | Rabbit | Human, Mouse, Rat, Bovine, Pig | Immunofluorescence, Immunohistochemistry, Western Blot |

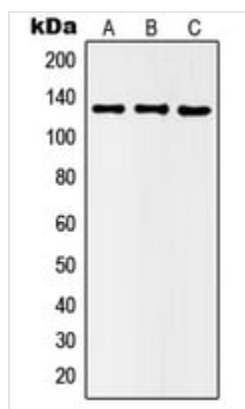
### PRODUCT SYNONYMS

Histone Deacetylase 5; Polyclonal Antibody; Anti-Histone Deacetylase 5 (pS498) Antibody; KIAA0600; Histone deacetylase 5; HD5; Antigen NY-CO-9; anti-HDAC5 antibody

### PRODUCT SPECIFICATIONS

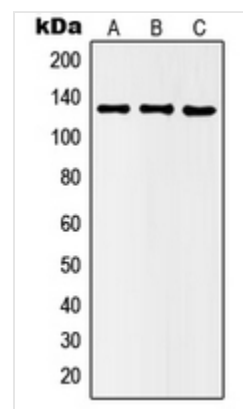
|                                                 |                                                                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat, Bovine, Pig                                                                                                                       |
| Clonality                                       | Polyclonal                                                                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                                      |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                            |
| Applicable Applications for anti-HDAC5 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                               |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Histone Deacetylase 5. The exact sequence is proprietary. |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                                       |

### IMAGES



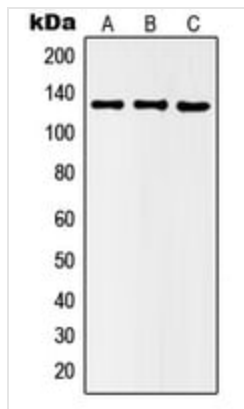
#### IF (Immunofluorescence)

Immunofluorescent analysis of Histone Deacetylase 5 (pS498) staining in Raw264.7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone Deacetylase 5 (pS498) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Histone Deacetylase 5 (pS498) expression in HEK293T LPS-treated (A), Raw264.7 TNFa-treated (B), rat kidney (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                     |                                                             |
|-----------------------------------------------------|-------------------------------------------------------------|
| Related Product Information for anti-HDAC5 antibody | Rabbit polyclonal antibody to Histone Deacetylase 5 (pS498) |
| Product Categories/Family for anti-HDAC5 antibody   | Primary Antibody                                            |

### NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 62750349                               |
| NCBI GeneID                      | 10014                                  |
| NCBI Accession #                 | NP_001015053.1                         |
| NCBI GenBank Nucleotide #        | NM_001015053.1                         |
| UniProt Accession #              | Q9UQL6; O60340; O60528; Q96DY4; C9JFV9 |
| Molecular Weight                 | 121,978 Da                             |
| NCBI Official Full Name          | histone deacetylase 5 isoform 3        |
| NCBI Official Synonym Full Names | histone deacetylase 5                  |
| NCBI Official Symbol             | HDAC5                                  |
| NCBI Official Synonym Symbols    | HD5; NY-CO-9                           |
| NCBI Protein Information         | histone deacetylase 5; antigen NY-CO-9 |
| UniProt Protein Name             | Histone deacetylase 5                  |
| UniProt Gene Name                | <b>HDAC5</b>                           |
| UniProt Synonym Gene Names       | KIAA0600; HD5                          |
| UniProt Entry Name               | HDAC5_HUMAN                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-deacetylase-5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/269615>